

Title (en)
Mouse for data entry and control.

Title (de)
Rollkugel für Dateneingabe und Steuerung.

Title (fr)
Souris pour l'entrée des données et pour commande.

Publication
EP 0520089 A1 19921230 (EN)

Application
EP 91121847 A 19911219

Priority
US 71793591 A 19910620

Abstract (en)
A mouse system is disclosed for data entry and control and wherein a rolling force of the ball is made adjustable to suit an operator's preference. A friction pad (24) or a magnetic force may be applied to the ball (22) to change and adjust the ball rolling force. Alternatively, a free roller in contact with the ball has its rotational force adjustable by friction or magnetic forces acting on the free roller or its axle. The mouse system disclosed is designed ergonomically to ease operator fatigue and increase an operator's efficiency. <IMAGE>

IPC 1-7
G05G 9/053; G06F 3/033; G06K 11/18

IPC 8 full level
G06F 3/033 (2006.01)

CPC (source: EP US)
G06F 3/03543 (2013.01 - EP US); **G06F 3/03549** (2013.01 - EP US)

Citation (search report)
• [X] DE 3828416 A1 19900222 - BROADCAST TELEVISION SYST [DE]
• [A] EP 0392651 A1 19901017 - TEKTRONIX INC [US]
• [X] GB 2192045 A 19871231 - DEPRAZ SA
• [X] EP 0296837 A2 19881228 - SHARP KK [JP]

Cited by
DE112004000918B4; CN108780353A; DE19700647C1; AU733056B2; GB2551150A; US2019138121A1; GB2551150B; US6452586B1; US9778760B1; WO2018102227A1; WO0077721A1; WO2017212252A1; WO2017155762A1; US10775907B2; WO9830971A1; WO9715880A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0520089 A1 19921230; JP H05181600 A 19930723; US 5696537 A 19971209

DOCDB simple family (application)
EP 91121847 A 19911219; JP 16240592 A 19920622; US 71793591 A 19910620